

ELECTROMOTIVE TOP

ABSTRACT OF THE DISCLOSURE

Electromotive tops entertain the user while teaching principles of physics. Two
embodiments are disclosed. The first embodiment has a motor and a motor shaft that are inserted
5 into a top body with a flywheel attached to its top. A retainer connects the motor shaft to the top
body. Motor terminals protrude from the motor. The second embodiment has a motor with a
motor shaft that is connected to a spindle sleeve. A spacer, spindle nut, and spindle secure one or
more standard compact discs to the spindle sleeve. A housing and facing enclose the motor and a
plurality of capacitors. The capacitors power LEDs attached to the facing. Motor terminals
10 protrude from the motor through the housing. The spindle can be unscrewed using a thumbscrew
to allow the user to add and/or remove one or more compact discs from the spindle sleeve as
desired.